

Module 4:

ISO pacs.008.001.08

Sophie Janssen

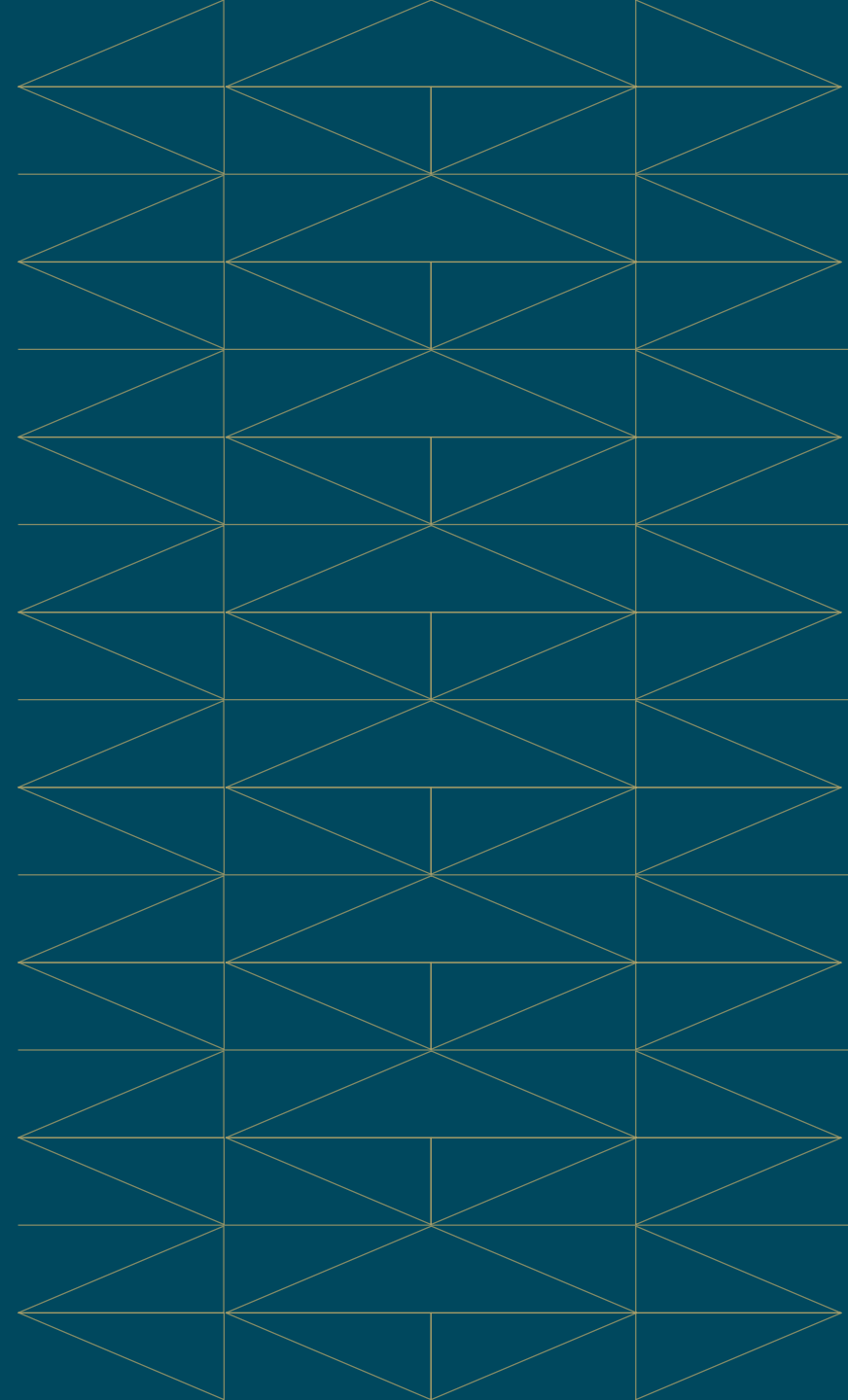
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SWIFT Product Management,
BNY Mellon Asset Servicing, Brussels

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BNY Mellon Treasury Services

December 14-15, 2020

Information Classification: Public



1.1 Module 4 - Agenda

1. Introduction

- 1.1 Welcome and Agenda for the Session
- 1.2 Recap of previous training sessions

2. pacs.008.001.08

- 2.1 Scope
- 2.2 Flow, Structure and Elements Review – MT 103 elements equivalents
- 2.3 High Level Translation Principles

1.2 Past Modules

**Demystifying
ISO 20022
(September 2020)**

**RTGS Migration Plans
CBPR+ Message Flows
(October 2020)**

**SWIFT Transaction
Management Platform
(November 2020)**

Available for each Module:

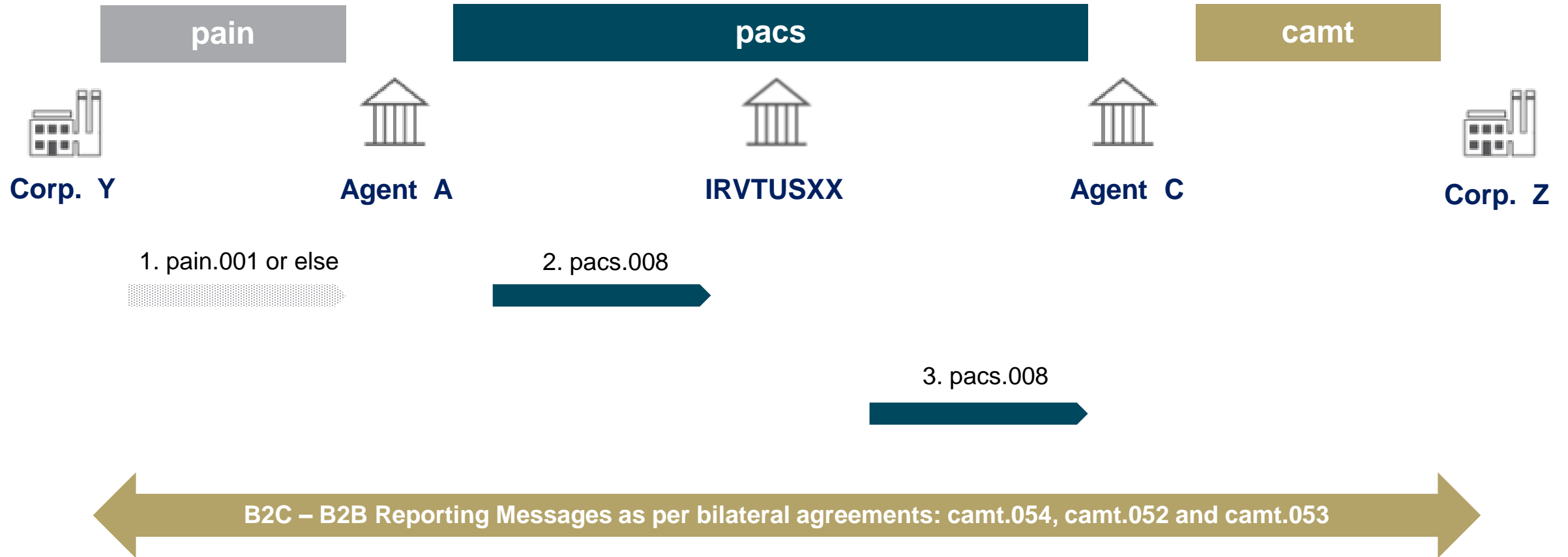
- Learning Guide
- Links to Webcast Recording
- Training Deck
- Enriched Q&A Document

2.1 pacs.008.001.08 – FI to FI Customer Credit Transfer (FIN MT Equivalent: MT 103/MT 102)

Scope

The FinancialInstitutionToFinancialInstitutionCustomerCreditTransfer message is sent by the debtor agent to the creditor agent, directly or through other agents and/or a payment clearing and settlement system. It is used to move funds from a debtor account to a creditor.

2.2 Message Flow: pacs.008.001.08 – Serial (Equivalent to the MT 103)



2.2 Agents



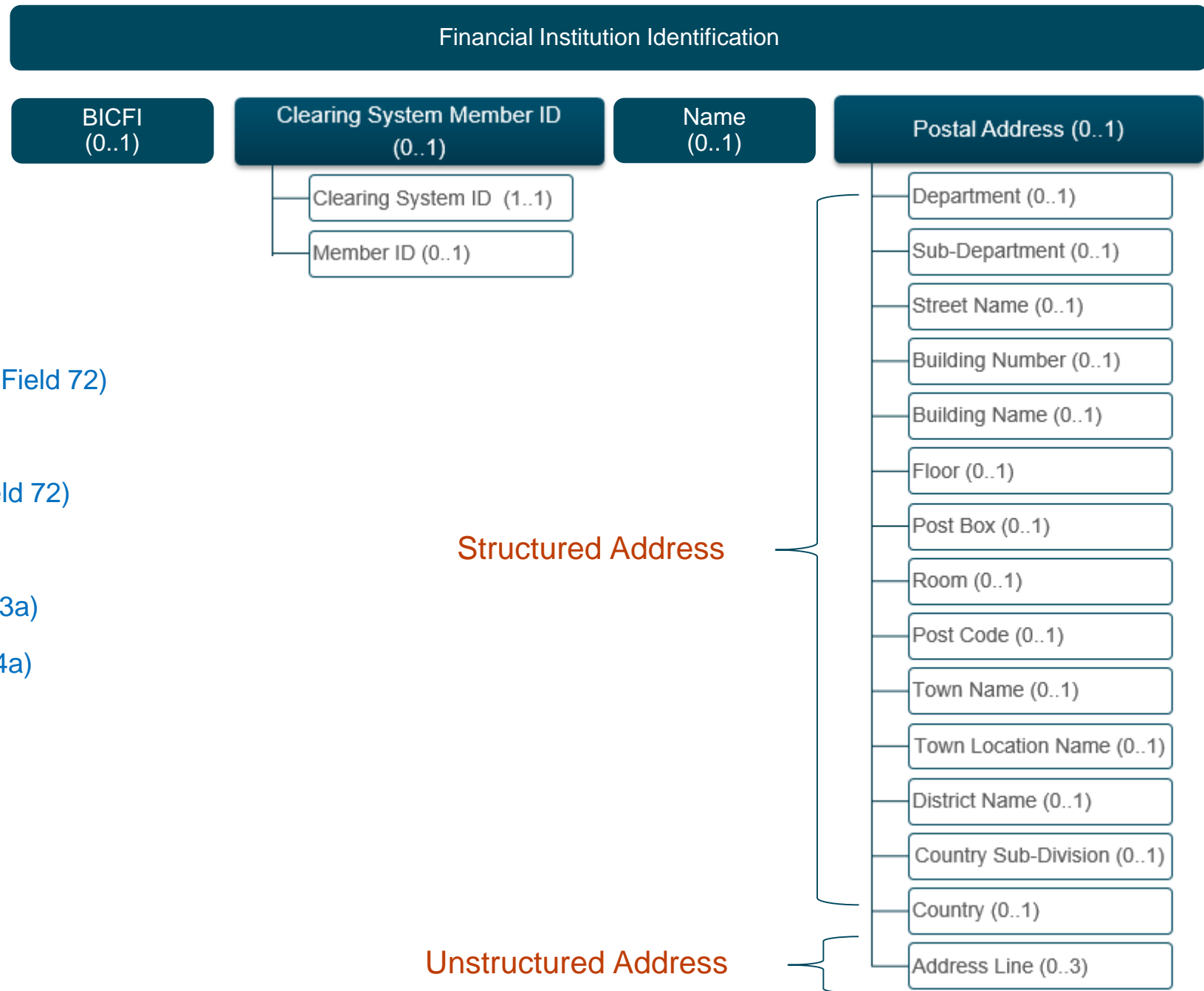
- ❑ Debtor Agent (Field 52a)
- ❑ Creditor Agent (Field 57a)

- ❑ Previous Instructing Agent 1, 2 & 3 (/INS/ Field 72)

- ❑ Intermediary Agent 1 (Field 56a), 2, 3 (Field 72)

- ❑ Instructing Reimbursement Agent (Field 53a)
- ❑ Instructed Reimbursement Agent (Field 54a)
- ❑ Third Reimbursement Agent (Field 55a)

- ❑ Instructing Agent (Sender)
- ❑ Instructed Agent (Receiver)



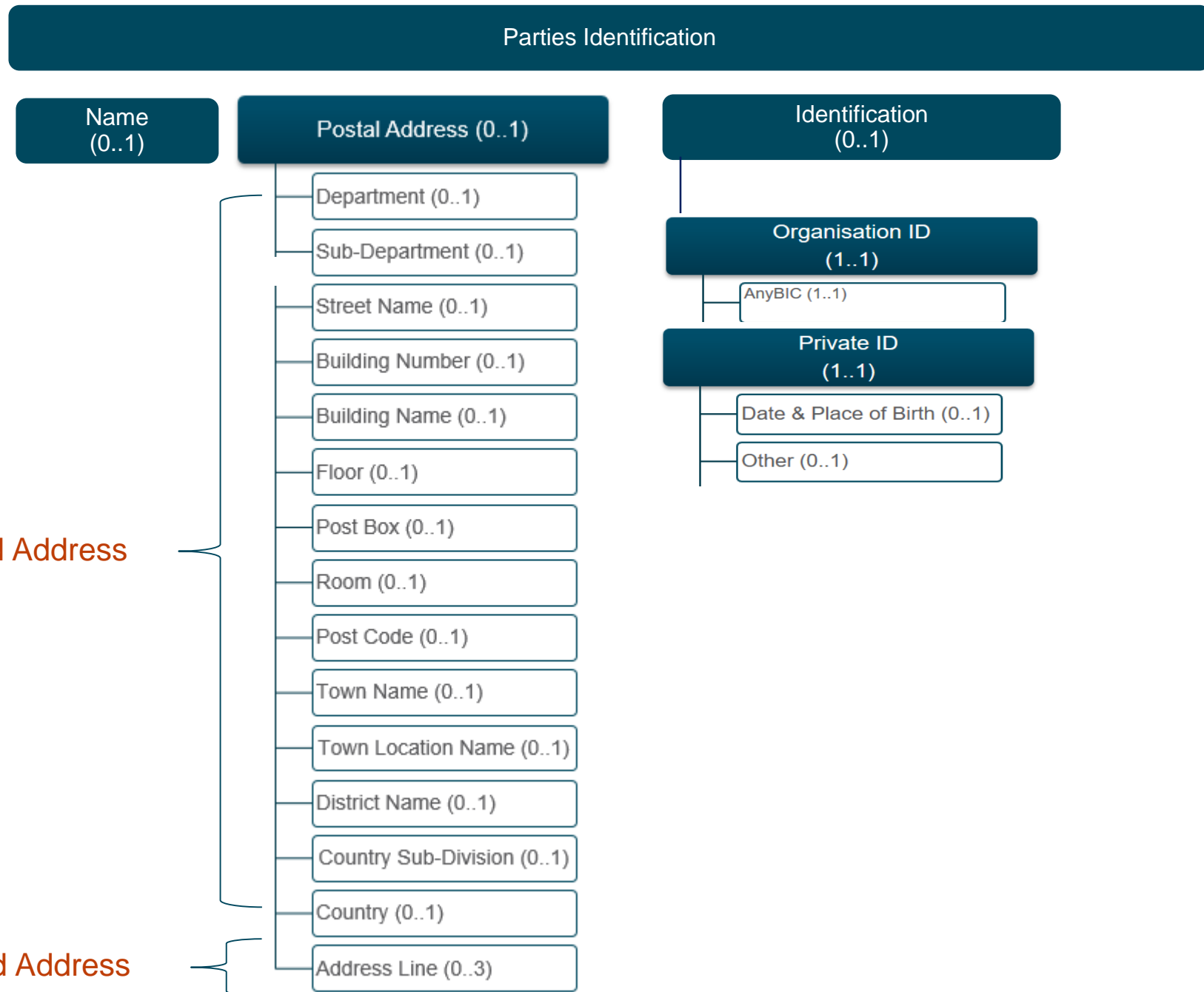
2.2 Parties



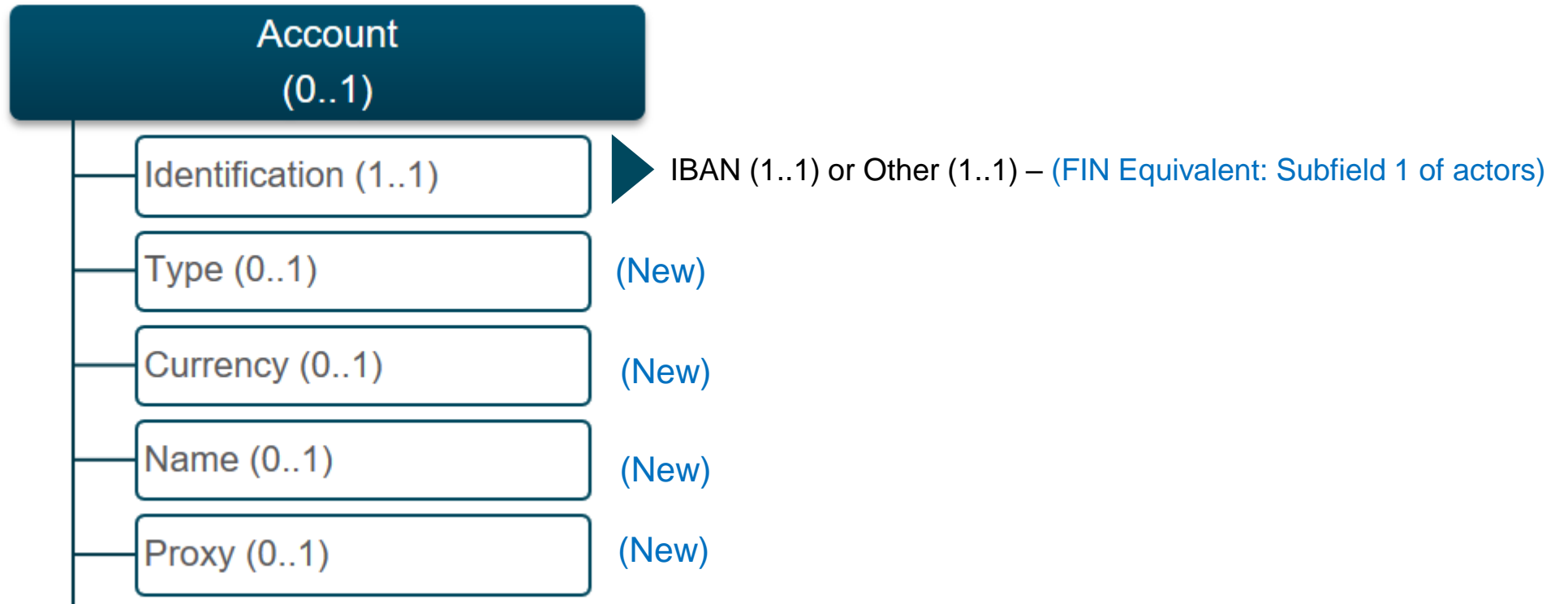
- Debtor (Field 50a)
- Creditor (Field 59a)
- Ultimate Debtor (New)
- Ultimate Creditor (New)
- Initiating Party (New)

Structured Address

Unstructured Address

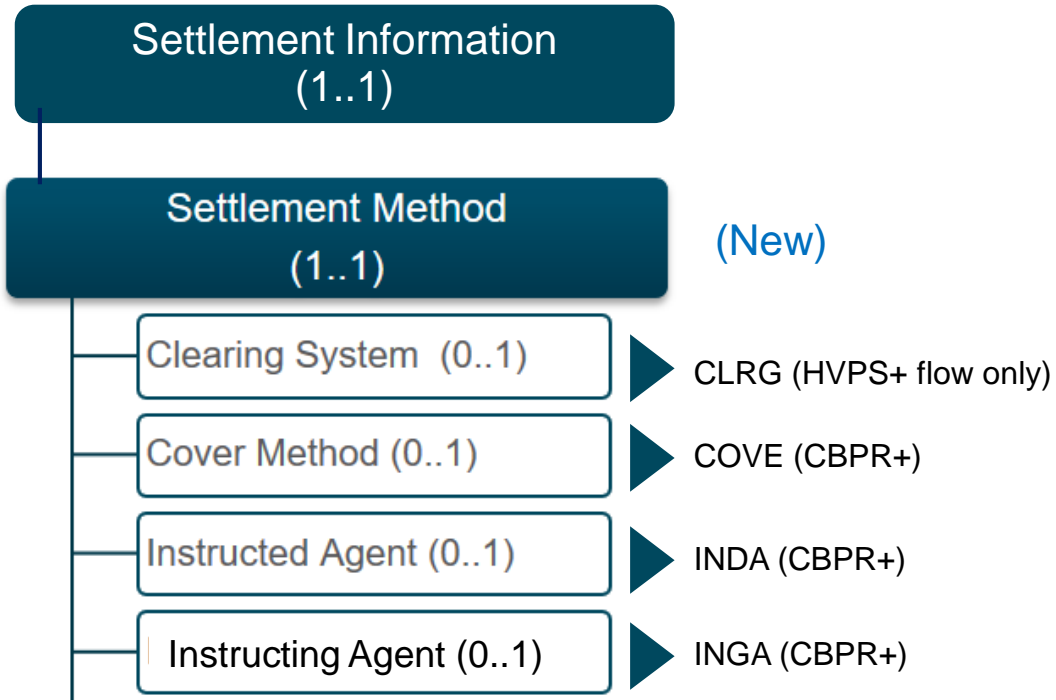


2.2 Account Structure



The Account component is not available for Ultimate Debtor, Ultimate Creditor and Initiating Party

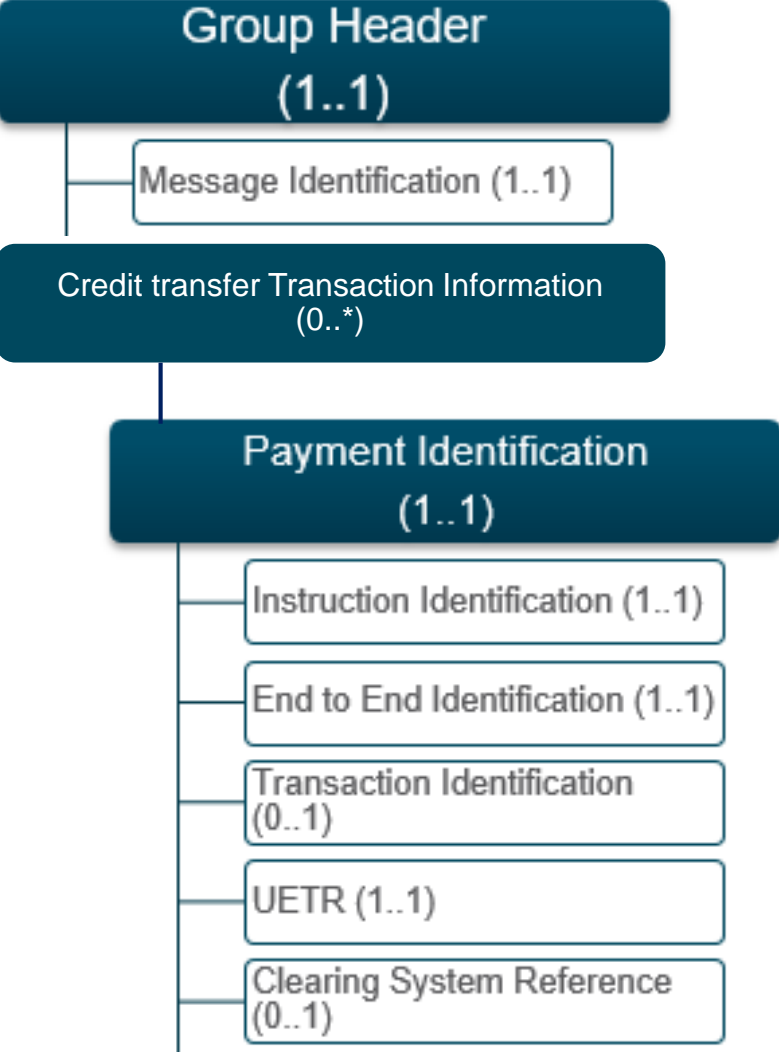
2.2 Settlement Information/Settlement Method



INDA: Settlement Account is maintained by the **INSTRUCTED AGENT**

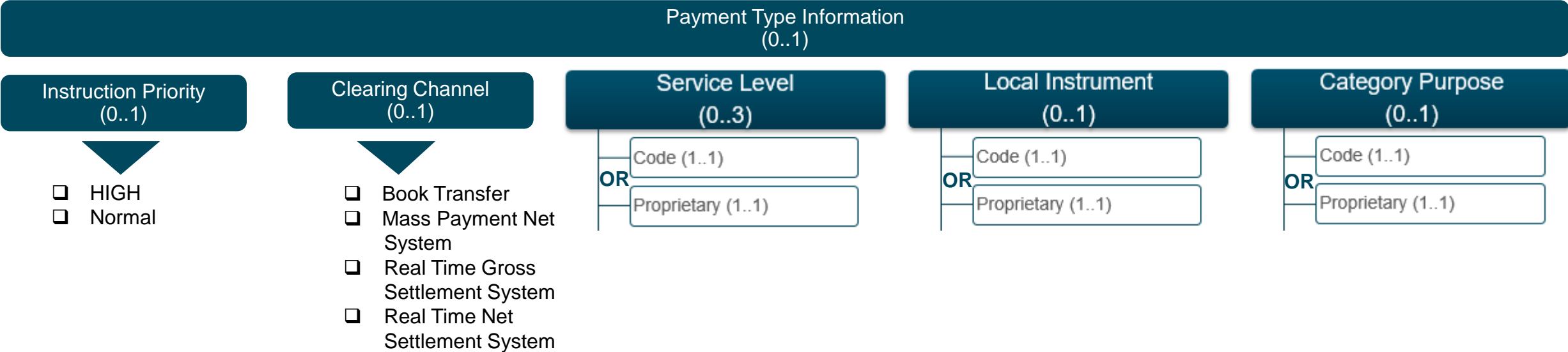
INGA: Settlement Account is maintained by the **INSTRUCTING AGENT**

2.2 Identifications



Identification	Specificities
Message Identification	(New) – Identifies the MX ISO 20022 message – Max 35 characters Point to Point
Instruction Identification	FIN Equivalent: (Field 20) Limited to 16 characters to allow smooth translation Point to Point
End to End Identification	FIN Equivalent: (Field 21 of MT 202 COV) – Max 35 characters End to End
Transaction Identification	(New) – Conditional - Max 35 characters End to End
UETR	FIN Equivalent: (Field 121, Block 3) – Mandatory – exact 36 characters (validated) End to End
Clearing System Reference	(New) – Reference allocated by RTGS System – Max 35 characters From RTGS to Direct Member only

2.2 Payment Type Information:



Service Level: (New)
 Transports the gpi Service Agreements, eg G001

Local Instrument: FIN Equivalent: (Field 23B)


Category Purpose: FIN Equivalent: (Field 23E)

Code: Must contain an ISO Code as published in the External Codes, published on www.iso.org

Proprietary: Contains a bilaterally or multilaterally agreed code and must comply to the formal

2.2 Amounts

Amount Elements	Specificities
Interbank Settlement Amount Interbank Settlement Date	(Field 32A) – 2 dedicated elements (CurrencyAmount & Date) in ISO 20022
Instructed Amount	(Field 33B)
Charge Information/Amount	
Total Interbank Settlement Amount	Not allowed – Single transactions only are allowed for CBPR+ and HVPS+
Various amounts in Structured Remittance Information component	



CBPR+: Amount length limited to FIN MT, i.e. Total Digits = 14

HVPS+: Global ISO 20022 amount length, i.e. Total Digits = 18

2.2 Charges

Charge Bearer (1..1) – FIN Equivalent: 71A

CRED	Borne By Creditor FIN Equivalent: (Field 71A BEN)
DEBT	Borne By Debtor FIN Equivalent: (Field 71A OUR)
SHAR	Shared FIN Equivalent: (Field 71A SHA)
SLEV	Following Service Level (New) – Not allowed in CBPR+ flows



Charge Information (0..*)

Amount	Transaction charges to be paid by the charge bearer – FIN Equivalent 71FG/71F
Agent	Agent that takes the transaction charges or to which the transaction charges are due – No FIN Equivalent

2.2 Instruction for Agents

**Instruction for Creditor Agent
(0..2 – CBPR+)**
FIN Equivalent: 23E

- Code (0..1)
- Instruction Information (0..1)
Max 140 Text

HOLD	Hold Cash for Creditor
CHQB	Pay Creditor by Cheque
PHOB	Phone Beneficiary
TELB	Telecom

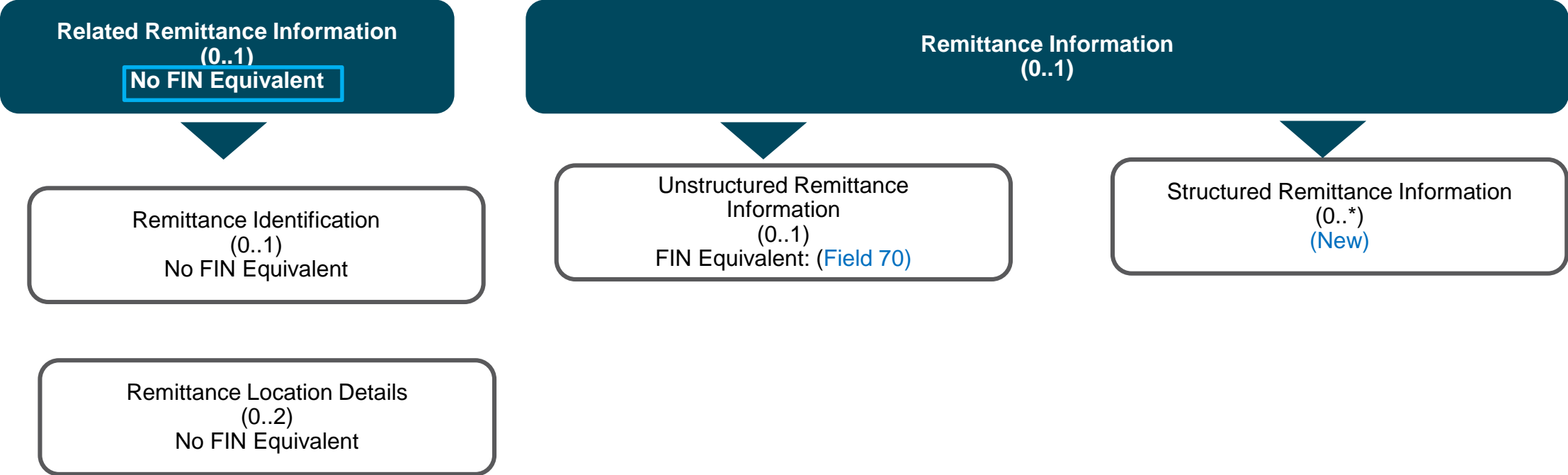
**Instruction for Next Agent
(0..4 – CBPR+)**
FIN Equivalent: Field 72

- Instruction Information (0..1)
Max 140 Text

Must be transported up to the Creditor Agent

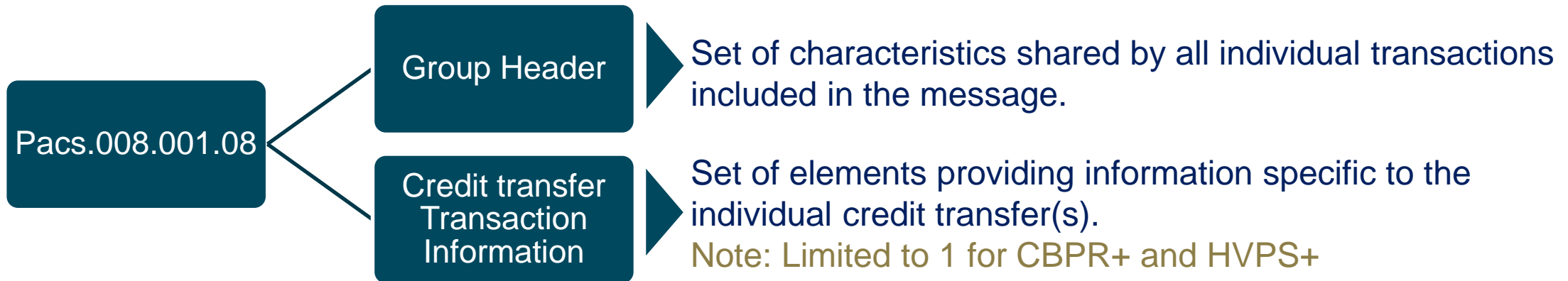
Point to Point Element

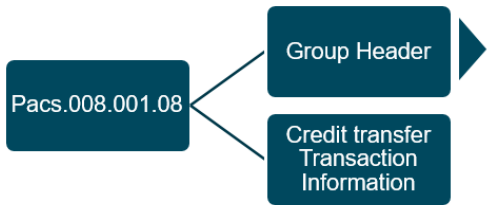
2.2 Remittance Information



Pacs.008.001.08

Message Structure





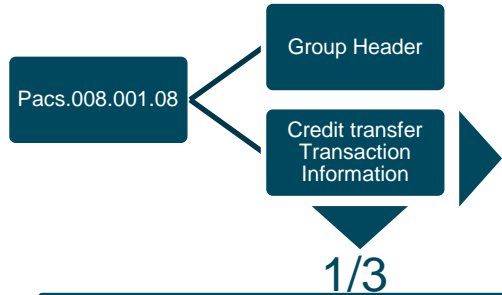
Message Identification	1..1
Creation Date Time	1..1
Batch Booking	0..1
Number of Transactions	1..1
Control Sum	0..1
Total Interbank Settlement Amount	0..1
Total Interbank Settlement Date	0..1
Settlement Information	1..1
Payment Type Information	0..1
Instructing Agent	0..1
Instructed Agent	0..1

Available under Credit Transfer Transaction Information

Settlement Information 1..1

Settlement Method (Slide 9)	1..1
Settlement Account (Slide 8)	0..1
Clearing System	0..1
Instructing Reimbursement Agent (Slide 6)	0..1
Instructing Reimbursement Agent Account (Slide 8)	0..1
Instructed Reimbursement Agent (Slide 6)	
Instructed Reimbursement Agent account (Slide 8)	0..1
Third Reimbursement Agent (Slide 6)	0..1
Third Rimbursement Agent Account (Slide 8)	0..1

Element removed

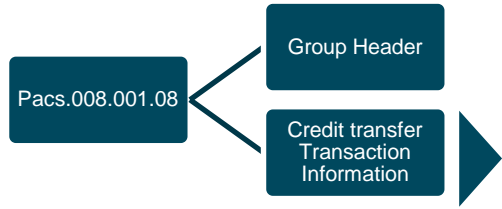


2/3

Payment Identification (Slide 10)	1..1
Payment Type Information (Slide 11)	0..1
Interbank Settlement Amount (Slide 12)	1..1
Interbank Settlement Date	1..1
Settlement Priority	0..1
Settlement Time Indication (FIN Equivalent 13C)	0..1
Settlement Time Request (FIN Equivalent 13C)	0..1
Acceptance Date Time	0..1
Pooling Adjustment Date	0..1
Instructed Amount (Slide 12)	0..1
Exchange Rate (FIN Field 36)	0..1
Charge Bearer (Slide 13)	1..1
Charges Information (Slide 13)	0..*

Previous Instructing Agent1 (Slide 6)	0..1
Previous Instructing Agent1 Account (Slide 8)	0..1
Previous Instructing Agent2 (Slide 6)	0..1
Previous Instructing Agent2 Account (Slide 8)	0..1
Previous Instructing Agent3 (Slide 6)	0..1
Previous Instructing Agent3 Account (Slide 8)	0..1
Instructing Agent (Slide 6)	1..1
Instructed Agent (Slide 6)	1..1
Intermediary Agent1 (Slide 6)	0..1
Intermediary Agent1 Account (Slide 8)	0..1
Intermediary Agent2 (Slide 6)	0..1
Intermediary Agent2 Account (Slide 8)	0..1
Intermediary Agent3 (Slide 6)	0..1
Intermediary Agent3 Account (Slide 8)	0..1
Ultimate Debtor (Slide 7)	0..1
Initiating Party (Slide 7)	0..1

Element Removed
 Not covered in previous slides



3/3

Debtor (Slide 7)	1..1
Debtor Account (Slide 8)	0..1
Debtor Agent (Slide 6)	1..1
Debtor Agent Account (Slide 8)	0..1
Creditor Agent (Slide 6)	1..1
Creditor Agent Account (Slide 8)	0..1
Creditor (Slide 7)	1..1
Creditor Account (Slide 8)	0..1
Ultimate Creditor (Slide 7)	0.1
Instruction For Creditor Agent (Slide 14)	0..2
Instruction for Next Agent (Slide 14)	0..4
Purpose (FIN Equivalent 26T)	0..1
Regulatory Reporting (FIN Equivalent 77B)	0..10
Tax	0..1
Related Remittance Information (Slide 15)	0..1
Remittance Information (Slide 15)	0..1

Element Removed
 Not covered in previous slides

Example: pacs.008.001.0X

Credit Transfer
Transaction Information

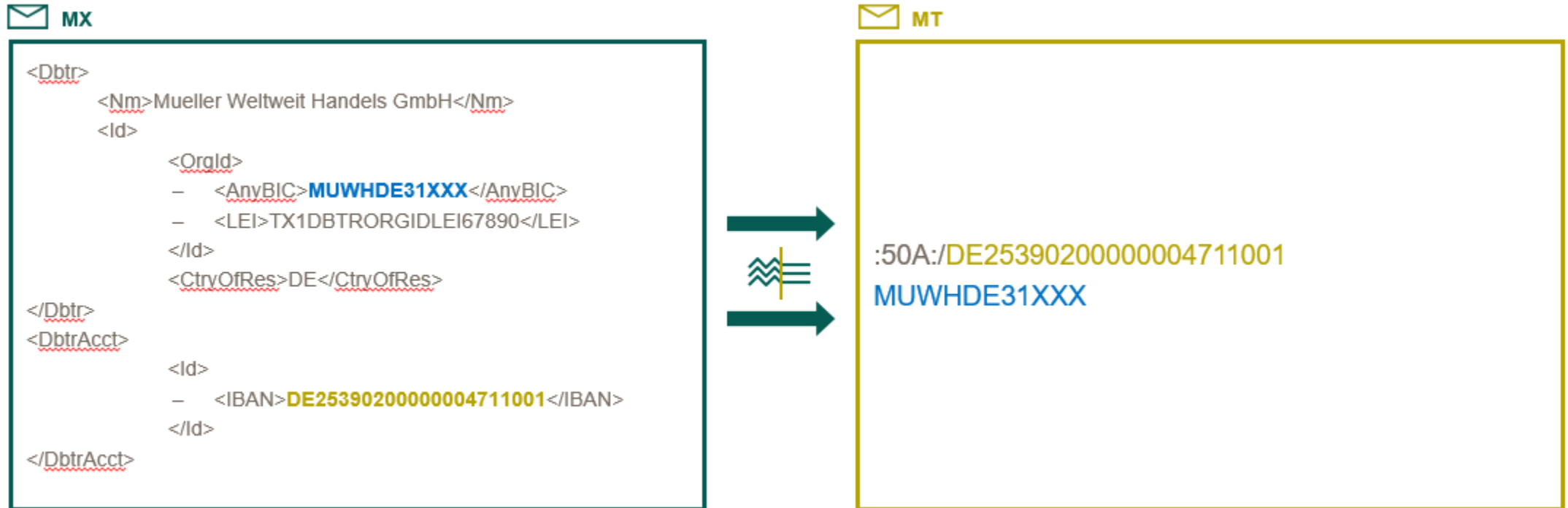
Group Header

```
<GrpHdr>  
  <MsgId>pacs8bizmsgidr01</MsgId>  
  <CreDtTm>2020-12-01T10:00:47+01:00</CreDtTm>  
  <NbOfTxs>1</NbOfTxs>  
  <SttlmInf>  
    <SttlmMtd>INDA</SttlmMtd>  
  </SttlmInf>  
</GrpHdr>
```

```
<CdtTrfTxInf>  
  <PmtId>  
    <InstrId>Virgayme2020</InstrId>  
    <EndToEndId>UlysLance12345</EndToEndId>  
    <UETR>8a562c67-ca16-48ba-b074-65581be6f001</UETR>  
  </PmtId>  
  <IntrBkSttlmAmt Ccy="EUR">5400</IntrBkSttlmAmt>  
  <IntrBkSttlmDt>2020-12-01</IntrBkSttlmDt>  
  <ChrgBr>DEBT</ChrgBr>  
  <InstgAgt>  
    <FinInstnId>  
      <BICFI>ABCDGB2S</BICFI>  
    </FinInstnId>  
  </InstgAgt>  
  <InstdAgt>  
    <FinInstnId>  
      <BICFI>EFGHGB2L</BICFI>  
    </FinInstnId>  
  </InstdAgt>  
  <IntrmyAgt1>  
    <FinInstnId>  
      <BICFI>IJKLGB2LXXX</BICFI>  
    </FinInstnId>  
  </IntrmyAgt1>  
  <Dbtr>  
    <Nm>Virginia Jones</Nm>  
    <PstlAdr>  
      <StrtNm>23 Ilysian Street</StrtNm>  
      <TwnNm>London</TwnNm>  
      <Ctry>GB</Ctry>  
    </PstlAdr>  
  </Dbtr>  
  <DbtrAgt>  
    <FinInstnId>  
      <BICFI>ABCDGB2S</BICFI>  
    </FinInstnId>  
  </DbtrAgt>  
  <CdtrAgt>  
    <FinInstnId>  
      <BICFI>WXYZLULLXXX</BICFI>  
    </FinInstnId>  
  </CdtrAgt>  
  <Cdtr>  
    <Nm>Aymerick Vincx</Nm>  
    <PstlAdr>  
      <StrtNm>36, Rue Jean Jaurès</StrtNm>  
      <TwnNm>Luxembourg</TwnNm>  
      <Ctry>LU</Ctry>  
    </PstlAdr>  
  </Cdtr>  
</CdtTrfTxInf>
```

2.3 High Level Translation Principles

Example: Translation from Debtor to FIN MT field 50A – AnyBIC and IBAN present in the pacs.008.001.0X



2.3 High Level Translation Principles

Example: Translation from Debtor to FIN MT field 50F – Name and Structured Address



```
<Dbtr>  
  <Nm>Mueller Weltweit Handels GmbH</Nm>  
  <PstAdr>  
    <Dept>Supply Chain Management</Dept>  
    <SubDept>Asia-Pacific Area</SubDept>  
    <StrtNm>Hafenstrasse</StrtNm>  
    <BldgNb>7</BldgNb>  
    <BldgNm>Willy-Brandt Gebaude</BldgNm>  
    <Flr>3 OG</Flr>  
    <PstBx>1203</PstBx>  
    <Room>C3B</Room>  
    <PstCd>22767</PstCd>  
    <TwnNm>Hamburg</TwnNm>  
    <TwnLctnNm>St. Pauli</TwnLctnNm>  
    <Ctry>DE</Ctry>  
  </PstAdr>  
</Dbtr>  
<DbtrAcct>  
  <Id>  
    <Othr>  
      <Id>123</Id>  
    </Othr>  
  </Id>  
</DbtrAcct>
```

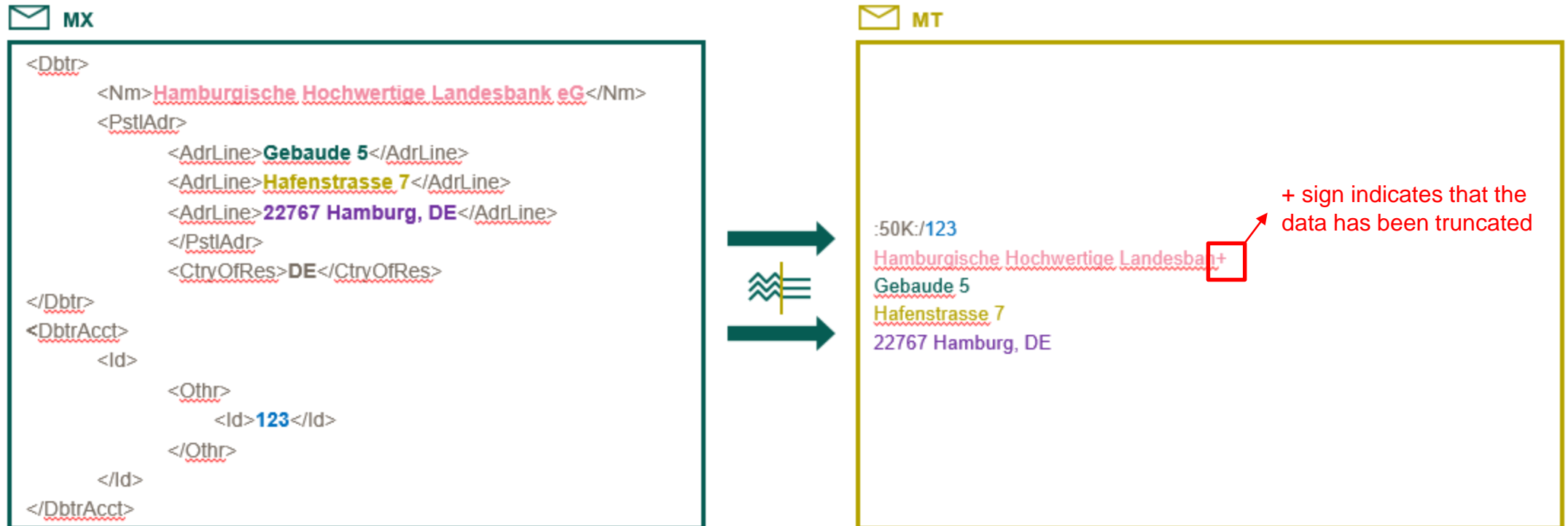


```
:50F:/123  
1/Mueller Weltweit Handels GmbH  
2/Hafenstrasse,7,Willy-Brandt Gebau  
2/de,3 OG,1203,C3B,Supply Chain Ma+  
3/DE/Hamburg,22767,St. Pauli
```

+ sign indicates that the data has been truncated

2.3 High Level Translation Principles

Example: Translation from Debtor to FIN MT field 50K – Name and Unstructured Address



Next Session - Save the Date

Monday, January 24, 2021

08:00 a.m. ET/14:00 CET

Tuesday, January 25, 2021

10:00 a.m. HKT

Module 5:

Deep Dive: pacs.009Core, pacs.009COV and pacs.009ADV

- Scope
- Message Structure, Content and FIN MT element equivalents (pacs.009)

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December 2020

